SHOW CHECKLIST



ODOT ENVIRONMENTAL PROSPECTUS

PRELIM. NEPA CLASS
CE

or Transportation							
PROJECT NAME			REGION	KEY NUMBER	FEDERAL	AID NUMBE	R
OR 569 Beltline Highway	Improvement Project: Rive	er Rd - Delta Hwy	2	16223	N/A		
CITY	COUNTY	FHWA NEXUS		PROJECT SPONSOR	'		
Eugene	Lane	Approval		ODOT			
HIGHWAY NAME	1					BEGIN MP	END MP
Beltline Highway (OR 569	∂, Highway Number 069)					8.4	10.2
LATITUDE	LONGITUDE	TOWNSHIP	RA	ANGE	SECTION	1	.1
44°6'N	123°7'W	17S	3	W	18		
	L EXPAND AS YOU TYPE. CLICK TAB				L		
	nway (OR 569), under ODO						
	rovides an east-west conne						
	(OR 99). Beltline Highway						
	rated interchanges at the v						
	ased vehicle congestion ar						
1	pairs and expansion to res	olve operational and	safety c	deficiencies, and to mo	re adequat	ely serv	Э
forecast regional travel gr			.l D . [4]	Control Control	. - : - 4	la a f all a	
1	nize an approximately 1.8-	mile-long section of t	ne Beili	line Highway, and wol	iia inciuae i	ne ioliov	ving
elements:	lar traffia lana in agab dira	otion (agothound and	wootho	yund) on Poltline High	way batwaa	n the Di	vor
	llar traffic lane in each dired west end to the Delta High						
1	mprove traffic flow and safe	,		•		~ ~	~ ~
	ng bridges (bridge numbers			iii spair the villamette	i Niver and	wiii requ	116
	e (one lane each direction)			ction hetween Hunsaki	er I ane and	l Green	Acres
	be wide enough to accomm	_					10100
_	e with a shared-use path a		-				and
extend to a new intersect		and opage for eyenete	(manne	aning one verneally la	no in odon s	an 00tion	, and
	an intersection with Hunsa	ker Lane.					
	venue connection to Beltlin		ating the	e eastbound offramp t	hat connect	s Beltlin	e to
1	constructing a new eastbo		-				
	as an access for local traff	•		'			
_	road to provide access fro	-	e recre	ation area along the V	Villamette R	iver nea	r the
Beltline bridges over the r	•			· ·			
•Make changes to the De	lta Highway and Goodpast	ture Island Road as f	ollows:				
	lane at the bottom of the lo					ne. This	will
require widening or recon	nstruction of the existing bri	idge that carries east	bound E	Beltline over a slough.			
	from southbound Delta Hi	ighway to westbound	Beltline	e so that it can accomr	modate the	new loc	al
arterial road from Green A							
–Add a lane to Beltline Highway to eliminate a merge at the bottom of the loop ramp from northbound Delta Highway to							
westbound Beltline.			_				
	e Delta Highway bridge (br						
	iary lane along Delta Highv	vay between Beltline	and Go	oodpasture Island Roa	d. The auxi	liary lane	e Will
exit at Goodpasture Islan							
•	ed with an asterisk (*) indic	ate that the question	is relat	ed to the qualifying thr	esholds ("k	ickouts")
identified in the 2015 PCE	E Agreement.						
Estimated Dight of Marc	Impacte						
Estimated Right of Way	impacis						
Right of Way							
1. * Will the project involv	ve temporary or permanen	t acquisition of right-o	of-way?	<u>×</u>	Yes 🗌 N	o 🗌 Un	ıknown
2. * Will the project resul	t in the temporary or perma	anent displacement c	of perso	ns or businesses?. 🗵	Yes N	o 🗌 Un	ıknown
Railroads							
	e work on or adjacent to rai	ilroad-owned propert	y?]Yes ⊠ N	o 🗌 Un	ıknown
Utilities							
	e substantial impact to or re	elocation of existing r	eimburs	sable utilities that			
	ion to service or additional] Yes 🔲 N	o 🛛 Un	known

RIGHT OF WAY IMPACTS COMMENTS (FIELD WILL EXPAND AS YOU TYPE. CLICK TAB TO SEE TEXT IN EXPANDED FIELD.)

Right of Way

The Project would require right of way acquisition of land not currently in transportation use. This includes 10 parcels zoned Commercial or Industrial and one parcel zoned Sand & Gravel. One residence at 685 River Avenue and dance studio business at 687 River Avenue (both on a tax lot zoned commercial) would be displaced due to the extension of River Avenue to an intersection with Hunsaker Lane and the reconfiguration of the River Avenue connection to Beltline Highway. Businesses to be displaced are types than can be reasonably relocated within the surrounding area. The Project would require acquisition of a portion of approximately 10 parcels for transportation right-of-way. This includes the southern and western edge of the sand and gravel operation due to construction of a new two-lane local arterial bridge connection between Beaver Street and the River Avenue/Green Acres Road intersection, and the respective extensions of Division Avenue and River Avenue. Of the 10 parcels, 9 are commercial and one is residential.

Railroads and Utilities

The Project would not affect any railroads or railroad-owned property.

Additional utility coordination will be necessary during final design. The Project would not disrupt service at the City of Eugene Wastewater Division's Wastewater Treatment Plant located south of River Avenue. Eugene Water & Electric Board (EWEB) owns one set of overhead electric transmission poles and lines, and one set of overhead electric distribution poles and lines along Division Avenue. The larger transmission poles would need to be relocated due to reconstruction and widening of a portion of Division Avenue and the River Avenue/Division Avenue interchange, and reconfigured connection to the new local arterial. The smaller distribution poles are near the edge of proposed shared-use path and may be horizontally compatible with the proposed design, but may need to be raise or lowered. Utilities should be able to be relocated within the Project API with minimal to no service disruption.

Estimated	Traffic/	Transi	nortation	Impacts
LStilliateu	I I allici	ı ı aııə	poi tation	IIIIpacis

5. What are the current and future ADT volumes for the project?	77,300 (2017)	91,700 (2037)	Unknown N/A
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TRAFFIC/TRANSPORTATION COMMENTS (FIELD WILL EXPAND AS YOU TYPE. CLICK TAB TO SEE TEXT IN EXPANDED FIELD.)

Traffic analyses performed concluded that Project improvements would enable all study intersections to operate under capacity in the year 2040 except for River Road/Hunsaker Lane/Irving Lane. (This intersection is not being modified by the Project and instead would be addressed through Lane Transit District's (LTD's) future project efforts that LTD will develop as a separate action).

The Project will enable all intersections to meet applicable agency intersection standards/targets with three exceptions:

- •The River Road/Hunsaker Lane/Irving Road signalized intersection is not being modified as part of the Project and is projected to operate overcapacity. This overcapacity condition occurs under the No Action/No Local Arterial Bridge scenario, No Action with Local Arterial Bridge scenario, and with the Project. Lane Transit District (LTD) is planning enhanced transit service along River Road as well as the development of a park-and-ride and transit station in the southeast quadrant of this intersection. Future improvements to this intersection to mitigate overcapacity conditions will be addressed via LTD's project.
- •The Beltline Highway Eastbound off-ramp/Delta Highway signalized intersection is forecast to operate at a LOS "A" but a vehicle capacity (v/c) ratio of 0.95. These operations reflect a much-improved condition versus that analyzed under the No Build scenarios (v/c > 2.0). Per previous recommendations, the City and ODOT may want to pursue an alternative mobility target at this intersection.
- •The Good Pasture Island/Delta Highway Northbound on-ramp intersection is forecast to operate at a LOS "D" and v/c of 0.89 regardless of the alternative considered (Project versus No Build). The City and ODOT may want to pursue an alternative mobility target at this intersection.

In addition to traffic operations benefits at intersections, the Project would provide safety benefits for drivers using Beltline Highway by adding auxiliary lanes that would mitigate substandard merge and weave distances between interchanges. The project would also enhance safety for non-motorists through the addition of separated pedestrian and bicycle facilities including new connections to the City of Eugene's Willamette River multiuse pathway network.

Overall, the Project would provide for substantial local, multimodal connectivity improvements east and west of the Willamette River as well as operational and safety benefits along the mainline of the Beltline Highway between River Road and Delta Highway and at the study intersections. Temporary delays and increased congestion will occur during construction, but most of the work is anticipated to be completed during off-peak traffic periods.

Estimated Land Use Impacts

	· · · · · · · · · · · · · · · · · · ·	
6.	Is the project outside of an Urban Growth Boundary? ☐ Yes ☐ No ☒ Partially	
7.	If the project is outside the UGB, is it expected to require new right-of-way? ⊠ Yes ☐ No ☐ N/A	
8.	If the project is outside the UGB, is the project allowed, or conditionally allowed, by the rules for Transportation Planning on Rural Lands (OAR 660-012-0065)? ⊠ Yes □ No □ N/A	
9.	Region Planner's opinion that the project conforms with:	

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a.	Transportation Planning Rule	⊠ Yes □] No
b.	* Statewide Planning Goals	☐ Yes ⊠] No
C.	Comprehensive Plan and/or Transportation System Improvement Plan (city, county or both)	⊠ Yes □] No
10.Is tl	he project located within the Oregon Coastal Zone?	☐ Yes ⊠] No
	areas of Forest or Exclusive Farm Use (EFU), or Open Space Reserve zoning be impacted		
by t	the project?	⊠ Yes □] No
	the project result in the conversion of prime farmland, unique farmland, or land of tewide or local importance by the Farmland Protection Policy Act?	☐ Yes ⊠] No
13.Wh	at are the general uses of land adjacent to the project area? $igigigigigigigigigigigigig$	sidential	
	⊠ Fa	rm/Forest	⊠ Public
	⊠ Oti	her (explain	below)
The Eustate's The Prosituate transportion use and design concur approversists.	Int of the City's Comprehensive Plan (The Randy Papé Beltline Highway Facility Plan is identifugene 2035 TSP was last updated and adopted in 2017 to comply with the Transportation Plan requirements for a local transportation system plan as prescribed by Oregon Statewide Plan roject is located almost entirely in the City of Eugene, with a small section of the Project's are doutside of the City's Urban Growth Boundary (UGB) in unincorporated Lane County. There or tation improvements would be subject to the land use planning regulations of the City of Eugene of the Project API within the City of Eugene is primarily zoned for low-density residential used commercial use, with several City of Eugene overlay zones also applied in the Project API, the City of Eugene applications listed below will be required to permit the project. These permently under the Type V process, which is ultimately approved/denied by the Eugene City Coval from Lane County. The required permits listed below, processed concurrently, would be proportion. The proposal requires an exception for Statewide Planning Goal 15: Willamette Rieception: The proposal requires an exception for Statewide Planning Goal 15: Willamette Rieception.	anning Rule ining Goal 1 a of potenti- ifore, any pr igene and L e, medium-c . Per the cu rmits can be buncil, in cor ocessed too	e and satisfy the 2. al impact (API) roposed ane County. The density residential rrent project e processed njunction with gether under the
· <u>Metro</u> Green · <u>Refine</u>	<u>Plan Amendment</u> : Text amendment to policy D 11 for an exception to allow the placement of way for a non-water dependent transportation use. Sement Plan Amendment: An amendment to the text of the Willakenzie Area Plan to allow fill to b-of-bank of the Willamette River.	f fill within tl	he Willamette River
·/WR s wetlan provisi Part of uninco and gra applica state la County the Me howev ·Per LO ·OAR (consis -Subs on a st -Subs travel u limited emerge -If no	nette Greenway Permit: Development within the Willamette Greenway Boundary requires a Valandards Review: The proposed use is within multiple Water Resource Conservation Area of difference, which requires the approval of a standards review application in accordance with on permit uses within Goal 5 areas, a Goal 5 exception is not necessary within Eugene's UG the Project API to the north of the Delta Highway/Beltline Interchange is located outside the reporated Lane County; this area contains lands designated as open space (the Willamette Riavel extraction, and agriculture. Project actions would be permittable as a conditional use in a sable standards). Proposed actions in the portion of the Project API located outside of the exist and use law requirements for rural lands as implemented in Lane County Code and would require portion of the project located within Lane County, and outside of Eugene's UGB, is designed by the project located within Lane County, and outside of Eugene's UGB, is designed by the project located within Lane County, and outside of Eugene's UGB, is designed by the project located within Lane County, and outside of Eugene's UGB, is designed by the project located within Lane County, and outside of Eugene's UGB, is designed by the project located within Lane County, and outside of Eugene's UGB, is designed by the project located within Lane County and the state. Co. 16.265 and LC 16.217, it appears that the uses would be permitted under the County's code and with Goals 3, 4, 11, and 14 without a goal exception. The two identified transportation catection (3)(g) permits new access roads in areas where the function of the road is to reduce to the task highway, but these roads are limited to two travel lanes. So this category may not fit the petition (3)(g) permits transportation facilities, services and improvements other than those list needs. The travel capacity and performance standards of facilities and improvements serving to that necessary to support rural land uses identified in the ackn	of Goal 5 production EC 9.4930 B. Eugene-Spiver and its all three zorating Eugenequire land unignated Sarawould allow le. Ermitted on ategories that ocal access proposed usited in this ruly local traversity local traversity.	otected riparian and to the As these oringfield UGB in floodway), sand these (subject to be UGB is subject to se action by Lane and and Gravel by this use, or local traffic se. The As the serve local I needs shall be ovide adequate
consul The Pr Depart unique	and and Gravel areas are identified on Lane County's adopted Goal 5 maps. However, Lane ted to identify if these resources were slated for protection under Goal 5. If so, it may require oject would require no conversion of prime farmland because E30 is classified as "prime farment of Agriculture, Natural Resources Conservation Service's Soil Survey Geographic (SSUs farmland or land of statewide or local importance as defined by the Farmland Protection Poloiect is not within the Oregon Coastal Zone. Any proposed improvements that would take plant.	an exception mland if irrig JRGO) data licy Act in th	on to Goal 5. lated" in the US abase.There is no le project area.

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ordinary low waterline on the channel of the Willamette River, or are adjacent to the river and are publicly owned for park and recreation purposes, would be subject to a compatibility review by the City of Eugene in accordance with Goal 15 (Willamette River Greenway) related state regulations.

Estimated Socioeconomic Impacts					
14. * Will the project involve displacements of key businesses, business districts, commercial/industrial areas, or public facilities?	⊠ Yes ☐ No ☐ Unknown				
15. * Will the project involve temporary or permanent changes to travel patterns, access to goods/ services, or parking that appear important to business, business districts, commercial/ industrial areas, community events, or neighborhoods? (Explain below)	⊠ Yes □ No □ Unknown				
16. Will the project divide or disrupt an established community, or affect neighborhood character or stability?	☐ Yes ☑ No ☐ Unknown				
17. Will the project temporarily or permanently affect emergency and/or public services?	☐ Yes ⊠ No ☐ Unknown				
18. Does visual inspection and/or information sources such as census data indicate the presence of low-income or minority populations within or near the project area?	⊠ Yes □ No				
19. Does visual inspection and/or other information sources indicate the presence of elderly, handicapped, or transit-dependent populations?					
on River Avenue. Eleven parcels, predominantly used for sand & gravel extraction, would require partial acquisition to establish a transportation easement. Project construction would temporarily disrupt access to multiple residential and commercial properties for driveway reconstruction along Division Avenue and River Avenue. Segments of shared-use paths would be temporarily removed and replaced with a more complete and connective system. Public access to the unimproved river access would be temporarily disrupted but retained during construction. No long-term adverse effects to community resources in the Project vicinity (health care clinics, government buildings, schools, parks) are anticipated. The Project would not substantially change neighborhood character because most of the Project is within existing public ROW and it would improve mobility and safety for local residents. One commercially-zoned property containing one home located at 685 River Avenue would need to be fully acquired. The traveling public is anticipated to benefit from the proposed Project. Effects to emergency and/or public services could be limited to minor traffic delays during construction. Census data shows elderly, minority and low-income populations in the Project area. Despite substantial public outreach efforts, no comments specific to these special populations have been received. The Project will benefit the surrounding communities and it is not likely to generate disproportionately high and adverse effects on minority and/or low-income populations. The Project will not adversely impact elderly, handicapped, or transit-dependent populations.					
Stormwater 20. Will the project trigger the need for stormwater treatment?	✓ Ves □ No □ Unknown				
Waters of the U.S./State	Tes [No [Olikilowii				
21. Are there waters of the U.S. or State within the project area? (If no, skip to Question 30)	⊠Yes □ No				
22.* Is the project within a FEMA 100-year flood plain?					
23.* Is the project within a FEMA regulated floodway?					
24. Will the project occur in or over publically owned submerged or submersible lands?					
25.* Will the project require a new USCG Bridge Permit?					
26. Will the project require modification to an existing USCG Bridge Permit or Temporary Rule Change?	☐ Yes ⊠ No ☐ Unknown				
27. Will there be any fill or removal from waters of the U.S. or state?	Xes				
28. Will fill or removal take place in waters of the State listed by DSL as Essential Salmonid Habitat?	⊠Yes □ No □ N/A				
29. Will fill or removal take place in waters of the State that are Aquatic Resources of Special Concern?	Yes □ No □ N/A				
Water Supply Wells					
30. Will any active wells be impacted by the project?	☐ Yes ☐ No ☒ Unknown				

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Wetlands

31. Are wetlands potentially present in the project area? ⊠ Yes ☐ No
32. Do soil surveys indicate hydric soils in the project area? ⊠ Yes ☐ No
33. Is wetland vegetation evident from visual inspection? ⊠ Yes □ No
34. Will the project fill or remove material from wetlands? ⊠ Yes ☐ No ☐ Unknown
35. * Will the project require an Individual Permit, Nationwide Permit, General Authorization or General Permit? ⊠ Yes ☐ No ☐ Unknown
WATER RESOLUCES AND WETLANDS IMPACTS COMMENTS (FIELD WILL EXPAND AS YOLL TYPE OLICK TAR TO SEE TEXT IN EXPANDED FIELD.)

The Willamette River and Debrick Slough are the main hydrologic features within the Project area; the Beltline Highway's Beltline Bridge spans the Willamette River. Debrick Slough is a remnant side channel of the Willamette River and flows north approximately 4,500 feet between Delta Ponds and the Willamette River. Other smaller waterways within the API as drainage system features include: Flat Creek, Spring Creek, and an unnamed tributary north of Lone Oak Park. The City of Eugene requires a Type II review application for potential impacts to water resources (including all impacted waterways and wetlands).

Per the Thirteenth U.S. Coast Guard (USCG) District, Willamette River navigability extends to River Mile 183.2; the Project is located at approximately river mile 178 (adjacent to the unimproved river access and south of the river's confluence with the McKenzie River). Section 10 of the Rivers and Harbors Act of 1899 assures that any permanent or temporary obstructions to the waterway require approval by the USACE. As such, the Project will be required to obtain a USCG Bridge Permit, and would also need to account for recreational and nonmotorized vessel traffic during construction by implementing a marine safety zone approved by the USCG and Oregon State Marine Board.

Some of the eastern portion of the Project area is within the FEMA 100-year floodplain of the Willamette River. Additionally, portions of the Project area near the Willamette River are within the 500-year floodplain. The City of Eugene regulates development in the 100-year floodplain areas through the designation of Special Flood Hazard Areas in its Code. Any transportation improvements proposed to take place within Special Flood Hazard Areas will be subject to the procedures set forth in Eugene Code Section 9.6707, and in particular to the development standards set forth in Eugene Code Section 9.6709. Installation of abutments for the proposed new bridge in the floodway would lead to a rise in base flood elevation (BFE) which will require an offset. ODOT commits to designing the Project to achieve a no-rise; which will be evaluated during final design. To minimize the backwater created from two bridge structures versus the existing one, the design should consider:

- •The hydraulic opening should be maximized.
- •The substructure for the new and replaced bridges should be hydraulically more efficient than the existing minimizing the number of piers, and placing piers that are thinner, rounded (circular or elliptical), and aligned to the 100-year flow direction.
- •Lining up piers for the two structures so the downstream pier shadows the upstream.
- •Locate the downstream structure and piers close to the upstream structure in an attempt to create a single structure hydraulically.

If a permanent rise cannot be avoided through design, modifications to the channel may be required to maintain the original BFE. Modifications may include reducing channel roughness by removing riprap or other obstructions, and/or removing channel bank material below the BFE. The Project includes removal of riprap from the channel within the project limits. With appropriate offsets as described above, a no-rise should be achievable.

The existing impervious surface area within the Project area is approximately 59 acres. The Project must implement water quality treatment because the amount of stormwater discharged will increase. Consequently, the water quality effectiveness of the existing drainage network is deficient in minimizing discharges from pollution-generating surfaces, based on ESA triggers for transportation improvements with federal nexuses. Therefore, the Project will need to add stormwater management facilities per the ODOT Hydraulics Design Manual to achieve water quality performance expectations. Flow control is not required for discharges to the Willamette River or Debrick Slough because the streams are not vulnerable to hydrologic impacts from a flow increase; however, water quantity control would be required if stormwater discharge would be to a small stream (e.g., Flat Creek). The potential for wetlands in the Project area were evaluated over two successive field surveys. The first survey identified two wetland areas; the second survey identified three Local Wetlands Inventory (LWI) wetlands, each of which are catalogued as Significant Wetlands meeting the criteria under DSL ORS 192.279 (3)(b) Goal 5. Per preliminary estimates, approximately 2.1 acres of wetlands would be permanently impacted, and an additional 0.9 acres would be temporarily impacted during construction. The project is expected to require an Individual Corps 404 permit because projects with wetland impacts over 0.5 acres cannot utilize Nationwide programmatic permits.

Due to the known presence of wetlands within the study area, a formal wetland delineation should be conducted prior to Project permitting and construction.

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Estimated Biological Resources Impacts

Threatened, Endangered and/or Sensitive Species

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36. Does the project have the potential to affect migratory birds and/or bats?	⊠ Yes	□No
37. Are there USFWS T&E species, Proposed species, or critical habitat in the project's area of potential impact?	⊠ Yes	☐ No
38. Are there NMFS T&E species, Proposed species, or critical habitat in the project's area of potential impact?	⊠ Yes	□No
39. Are there State T&E or Proposed species present that are not federally listed? [Yes	⊠ No
40. Is the project located on or adjacent to BLM or USFS land?	Yes	⊠ No
41.* Will the project require an individual project-level formal consultation under Section 7 of the Endangered Species Act?	⊠ Yes	☐ No ☐ Unknown
In-Water Work		
42. Are any streams or water bodies potentially impacted by the project?	⊠ Yes	□No
43. Will the project require in-water work?	⊠ Yes	☐ No ☐ Unknown
Fish Passage		
44. Will the project trigger the Oregon State Fish Passage Statute (ORS 509.585)?	⊠ Yes	☐ No ☐ Unknown
45. Are there any culverts within the project limits that are on the ODFW priority list for replacement/retrofit?		
Wildlife Passage		
46. Is the project within a wildlife collision hot spot, priority wildlife linkage area, or an area otherwise known to be a barrier to wildlife passage?	Yes	⊠ No
Noxious Weeds		
47. Are there known noxious weed populations in the project area? [⊠ Yes	□No
Eight plant species listed as threatened or endangered, five species state-listed as candidate, and ni species of concern potentially occur in the Willamette Valley Ecoregion and within Lane County. No combeen designated and none were observed in the Project area, and no species are state listed as critic or state listed rare, threatened, endangered, or candidate plant species were observed within the API Two terrestrial wildlife species listed under the federal or state Endangered Species acts potentially of —Taylor's checkerspot butterfly (federal listed endangered) and Oregon spotted frog (federal listed the critical, and candidate species for listing). Many avian species protected under the Migratory Bird Treoccur within the Project area; impacts to MBTA species would be avoided by limiting vegetation clear critical nesting period or hazing birds attempting to nest on structures during the construction year. Notheratened or endangered wildlife species were encountered on field surveys. ODOT will utilize the Utilize the Clayriculture's Animal and Plant Health Inspection Service to deter potential nesting if any Project disturbly the critical nesting period. The Upper Willamette River Chinook salmon and bull trout are listed as threatened under the federal Both species may be present at various times of the year and during various life stages and have des Project area. No special-status fish species were observed during the field evaluation. The project action area for stormwater extends downstream to the Pacific Ocean. Therefore, the project diditionally impact federally listed Columbia River chum, Lower Columbia River Chinook, Upper ColuRiver spring/summer Chinook, Snake River fall Chinook, Snake River sockeye, Lower Columbia River steelhead, Middle Columbia River steelhead, Upper Columbia River steelhead, Snake River Basturgeon, and Pacific eulachon — as well as their designated critical habitat— because the project will treatment facilities and reconfigured discharges. The Project will need to address i	critical hecal or vill during occur in reatener aty Actring to the office of the office of the office of the office of the office office of the office office office office office office office office of the over office of	nabitat for plants has ulnerable. No federal the field surveys. the Project area ed, state sensitive (MBTA) potentially imes outside the ally or state listed partment of is anticipated within gered Species Act. d critical habitat in the the potential to River Chinook, Snake, Lower Columbia elhead, green ate new stormwater species throughout rage under an ESA/ and USFWS are
implementing numerous conservation measures and offsetting impacts through mitigation. ESA fluvia be met. The Project has the potential to trigger the ORS 509-580 fish passage requirement because native m the Project area. The Project would need to obtain ODFW fish passage approval for each individual v	al stand nigratory	ards will also need to y fish are present in

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Excluding bull trout, USFWS ESA-listed species that have the potential to occur in the Project area should be addressed via No

(including the new and replacement bridges), and possibly for in-water construction.

Effect documentation (using ODOT NE memo form).			
Estimated Cultural Resources Impacts			
Archaeological Resources			
48. Are there known archaeological sites in the project area?	☐ Yes	⊠ No	Unknown
49. Will the project entail disturbance of previously undisturbed ground?	⊠ Yes	□No	Unknown
50. Will archaeologically sensitive areas (confluence of rivers, headlands, coves, overlooks, etc.) be affected?	☐ Yes	⊠ No	
51. If the project is on or adjacent to BLM or USFS land, does contact with BLM or USFS archaeologist indicate any issues?	Yes	□No	⊠ N/A
Historic resources (Built)			
52. Does the SHPO historic database list any resources in the project area?	☐ Yes	\boxtimes No	Unknown
53. Will there be any impacts to known historic resources (either listed or determined eligible for listing in the National Register of Historic Places)?	Yes	⊠ No	Unknown
54. Does any city/county comprehensive plan list any buildings/items in the project area as Goal 5 resources?	☐ Yes	⊠ No	Unknown
55. Are any buildings in the project area thought to be 50 years old or older?	⊠ Yes	□No	
56. Are there any apparent/unique structures of potential historical interest?		☐ No	
Section 4(f)			
57. * Could the project impact any archaeologocal or historic resources eligible for protection under Section 4(f) of the Department of Transportation Act?		□No	⊠ Unknown
Archaeological A total of 21 previous archaeological investigations were identified dating between 1970 and 2016. conducted a pedestrian survey across the Project area. No cultural resources were identified by any investigations. Prior studies noted that the majority of the Project area was subject to heavy equipm of the Project area was inundated and not surveyed. It was also noted that there was extensive grow Slough. A pedestrian field investigation was conducted for this Project on October 11, 2018, and ex investigation was conducted from August 31 to September 2, 2020. No historic or archaeological rearchaeological resources or human remains are inadvertently encountered during ground-disturbing Project, all earth disturbance in the immediate vicinity (100 feet) of the find should be halted immediand federal law, and Oregon SHPO and appropriate tribes should be notified of the find. Historic (built) Historic properties identified within the Project area include two residential historic districts, both devother historic properties include two public schools, a small former place of worship (now a dance shouldings and residences (including two mobile homes). Based on areas where project construction to historic properties, determination of eligibility documentation occurred for five individual properties findings of this documentation resulted in six individual properties being determined not eligible (All River Ave; Residence, 685 River Ave; Tudor Residence, 777 River Ave; Mobile Home, 455 Division Division) and one district (Lee's Mobile Home Park, 501 Division Ave) determined as eligible for listil Historic Places (NRHP).	y of the plent distund distuploratory sources activities at the could result and on That Danger Ave; More and on Ave; More and One a	orevious urbance urbance y subsul were id es associacorda in the mand thre esult in a ne histor nce dar obile Ho	and that part along Debrick rface lentified. If ciated with the ance with state hid-1960's. The commercial adverse effects ric district. The ance studio, 687 pme, 477
The Project would displace the All That Dance dance studio, which was determined to be not eligible NRHP-eligible Lee's Mobile Home Park is located north of Division Avenue where project planning with shared use path along Division Avenue. A finding of effect will be required for this historic property.	will inclu	de the a	addition of a
Temporary visual and auditory effects could occur to these properties during construction; these effects adverse and would cease to occur following construction. Operation of the Project within the road ridentified historic properties reflects existing conditions and therefore would have no adverse effect	ght-of-wa	ay adja	cent to the
Estimated Parks / Recreation and Visual Impacts			
Parks/Recreation Areas			
58. * Could the project impact any parks, recreation areas, or wildlife/waterfowl refuges eligible for protection under Section 4(f) of the Department of Transportation Act?		□No	Unknown
59. Could the project cause a Section 6(f) conversion or temporary occupancy of park or recreation area property encumbered by Land and Water Conservation funds?		⊠No	Unknown

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Wild and Scenic Rivers 60. Is the project area within ¼ mile of the bank of an Oregon Scenic Waterway? ☐ Yes ☒ No 61. * Will the project affect waterways designated as National Wild and Scenic Rivers?...... \ \ \ Yes \ \ No Visual 62. Will the project involve any potential triggers for visual impact analysis? ☐ Yes 🖂 No 🔲 Unknown PARKS / RECREATION AND VISUAL IMPACTS COMMENTS (FIELD WILL EXPAND AS YOU TYPE. CLICK TAB TO SEE TEXT IN EXPANDED FIELD.) Parks/Recreation Areas Two recreation resources have been identified in the Project area: the Willamette River Water Trail that is a Section 4(f) resource, and the unimproved access to the river that the USACE has not formally designated for public recreation use. The City of Eugene formally designates their shared-use paths as transportation infrastructure; thus these paths are not a Section 4(f) resource. The proposed new local arterial bridge connection between Beaver Street/Hunsaker Lane and the River Avenue/Green Acres Road intersection would cross above both the Willamette River Water Trail and the unimproved river access. The Project could result in de Minimis use of the water trail and unimproved river access. It is not anticipated to require permanent acquisition of land from either of these two resources nor result in a substantial adverse effect to either, because access disruptions during construction would be temporary and both resources would be retained for their current uses. If the Project were to result in a temporary occupation of land at either resource during construction, it is anticipated that the Project would meet the requirements to obtain a temporary occupancy exception under the Section 4(f) regulations. Based on a review of the database of Land and Water Conservation Fund (LWCF) grant recipients in Lane County Oregon (http:// projects.invw.org/data/lwcf/grants-or.html), no Section 6(f) properties were identified in the study area. Visual Much of the study area is characterized by asphalt highways and highway structures, gravel shoulders and turnouts, and a substantial amount of roadway fill. However, there are sensitive viewing areas in the eastern part of the study area that the Project would likely impact, including the Willamette River riparian corridor (with its associated recreational paths), the unimproved river access, and portions of the residential areas located north of Beltline Highway between River Road and the OR 569 bridge. People in the affected community who have participated in stakeholder engagement have not identified visual impacts specifically as a concern. **Estimated Air Quality and Noise Impacts** Air Quality 64. Is the project type exempt from conformity or Mobile Source Air Toxic analysis (MSAT)? (If yes, skip to Question 69)...... Yes ⊠ No 65. If in nonattainment or maintenance area, does the project involve adding lanes, signalization, 66. For PM10/PM2.5 areas, is the project annual average daily traffic in above 125,000 and is 68. Is the project regionally significant? ⊠ Yes □ No □ N/A 69. Is the project located in Lane County? ⊠ Yes □ No □ N/A Noise 70. Are noise-sensitive land-uses present within 500 feet of the project roadway?...... ⊠ Yes ☐ No Unknown 72. Does the project qualify for a screening analysis?...... 🗌 Yes 🔲 No 🔣 Unknown 🥅 N/A AIR QUALITY AND NOISE IMPACTS COMMENTS (FIELD WILL EXPAND AS YOU TYPE. CLICK TAB TO SEE TEXT IN EXPANDED FIELD.) Air The Project is located within the Eugene/Springfield Air Quality Maintenance Area (Eugene/Springfield AQMA) for Particulate Matter less than 10 microns (PM10), as defined in Titles 12 and 29 of the LRAPA rules and regulations; PM10 is the only air pollutant that is currently the subject of an air quality maintenance area within the Eugene/Springfield AQMA. The Project was included in the AQCD for the amended 2015-2018 TIP for the PE phase only. The Project is included in the Central Lane Metropolitan Transportation Planning Organization (MPO) adopted 2040 Regional Transportation Plan (RTP). The RTP is

Air quality analysis will be needed to determine whether the Project meets the conformity requirements of Clean Air Act 1 and 40

included in the MPO's Air Quality Conformity Determination adopted May 4, 2017.

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CFR 93.116 for PM10 as defined by 40 CF 93.123(b)(1), and therefore not requiring a hot-spot analysis. Analysis will also be needed to determine potential Mobile Source Air Toxics (MSAT) effects of the Project and if an Indirect Source Construction Permit would be required under the Lane Regional Air Protection Agency rules and regulations.

Noise

Noise-sensitive receivers (including residences, place of worship, and recreation uses) occur throughout the Project area. Project-related noise impacts are most likely to occur to residences and outdoor recreational users within the Project area located along the north and south sides of Beltline Highway between the River Road interchange and the west approach to the bridge crossing the Willamette River. Potential noise impacts from the proposed local arterial and connection to Beaver St/Hunsaker Lane must also be addressed in relation to the southeast portion of the Santa Clara neighborhood (which is located directly west of the Delta Sand and Gravel site and northwest of the river crossing).

No existing ambient noise monitoring has yet been conducted for the Project. Due to the presence of extensive commercial and residential development as well as other noise-sensitive land uses in the Project area, noise analysis of existing and future noise levels will be needed in association with subsequent Project design refinement and Federal environmental review.

Estimated Hazardous Materials / Waste Impacts
73. Does the project involve right-of-way acquisition or subsurface disturbance (e.g., excavation or drilling)? (If no, skip to Question 76) ⊠ Yes □ No
74. Does a search of DEQ databases (LUST, UST or ECSI) indicate the presence of any potentially contaminated sites within or adjacent to the project area? ⊠ Yes □ No
75. Does a search of the Oregon Fire Marshal's Hazardous Materials Incident database indicate any hazardous materials releases within the project area? ☐ Yes ☒ No
76. Are there known current or historical land uses within or adjacent to the project area that could possibly have involved the use or storage of hazardous materials? ⊠ Yes □ No
77. Will the project include any structure (including buildings or bridges) demolition, repair, or removal of potentially hazardous materials (e.g., lighting or electrical equipment, hydraulic equipment, bridge mechanics, striping paint, bridge/barrier paint, treated timbers, etc.)?
HAZARDOUS MATERIALS / WASTE IMPACTS COMMENTS (FIELD WILL EXPAND AS YOU TYPE. CLICK TAB TO SEE TEXT IN EXPANDED FIELD.) Multiple properties were identified in the Project area with respect to the potential presence of hazardous materials. Two sites (Delta Division/Morse Bros. and Ken's Dry Cleaning), are listed on the Oregon Department of Environmental Quality (DEQ) Environmental Cleanup Site Information System database; Delta Sand & Gravel is listed as a permitted landfill for demolition waste. Delta Sand & Gravel had a confirmed underground storage tank (UST) leak in 1990 that was resolved. Three current or historical dry cleaners have been identified within or immediately adjacent to the Project area; dry cleaners present a high risk of environmental impacts, and current and past use may have impacted soil or groundwater within the Project area. Five leaking underground storage tank (LUST) sites are located within or immediately adjacent to the Project area; two of these LUST sites are located on the Delta Sand & Gravel property that would be in the path of the proposed new local arterial bridge connection between Beaver Street/Hunsaker Lane and Green Acres Road.
Additional investigations of the potential sites of concern listed above are recommended for sites that will be directly impacted by the final Project design.
Estimated Geological / Geotechnical Impacts
Geological Resources/Geotechnical
78. Will an ODOT owned/permitted material source be offered for this project? ☐ Yes ☐ No ☒ Unknown
79. Will ODOT owned/permitted disposal sites be offered for this project? ☐ Yes ☐ No ☒ Unknown
80. If an ODOT owned/permitted disposal or material source site is being offered, has it been previously cleared to federal environmental standards? ⊠ Yes □ No □ N/A
81. Is drilling/subsurface exploration anticipated? ⊠ Yes ☐ No
GEOLOGICAL / GEOTECHNICAL IMPACTS COMMENTS (FIELD WILL EXPAND AS YOU TYPE. CLICK TAB TO SEE TEXT IN EXPANDED FIELD.) Subsurface exploration may be required for installation of Willamette River and Debrick Slough bridge crossings. Prior to geotechnical drilling, clearances for archaeology, wetlands, and rare plants are required.

Stakeholder Concerns / Public Involvement

STAKEHOLDER CONCERNS / PUBLIC INVOLVEMENT COMMENTS (FIELD WILL EXPAND AS YOU TYPE. CLICK TAB TO SEE TEXT IN EXPANDED FIELD.)

The Project Community Advisory Committee has provided the following recommendations:

- •Consider more physical separation for bicycles and pedestrians throughout the corridor, particularly cycle tracks and on-street bike lanes.
- Maintain a wide enough Project footprint to allow for safe multimodal connections.
- •Highlight potential safety and congestion benefits that result from the diversion of local arterial traffic from Beltline Highway to the

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new local bridge.

- •Do not share property acquisition or timeframe estimates in the draft implementation framework table for the Project's Open House (too many unknowns, which can exacerbate tensions and controversy in a public setting).
- Project team should coordinate with agencies that could help with maintenance of the boat dock, such as Oregon Department of Fish and Wildlife and the Oregon Marine Board.

General themes of comments received at Project public open houses:

- •General support for improvements to reduce travel delays, agreed with the need for a new local bridge just north of Beltline, and supported multimodal improvements
- •Concern that the Project will not be sufficient to accommodate growth and reduce travel delays by the time they are implemented
- Concern that expanding lane capacity will add to congestion by encouraging additional motor vehicle travel
- Noise impacts

ODOT engaged Delta Sand and Gravel (which will have substantial land acquisition), the wastewater treatment plant, and nearby residential communities, including Lee's Mobile Home Park, River Road Community Organization, Good Pasture Island Neighbors, Northeast Neighbors and Santa Clara Community Organization (all directly adjacent to the project area), as well as Falcon Wood, a community near the project area. ODOT also notified property owners between River Avenue and Beltline Highway near Beaver Street and Hunsaker Lane about the project and public engagement opportunities.

Key Environmental Issues and Requirements

KEY ENVIRONMENTAL ISSUES AND REQUIREMENTS COMMENTS (FIELD WILL EXPAND AS YOU TYPE. CLICK TAB TO SEE TEXT IN EXPANDED FIELD.)

Key Issues

- Impacts to commercially-zoned properties
- Impact to property potentially eligible for the NRHP
- Floodplain/floodway impacts which require City development review approval
- Impacts to ESA-listed fish species and salmon protected under the Magnuson-Stevenson Act
- •Noise impacts to residences and outdoor recreational areas.
- •Impacts to two leaking underground storage tank sites on the Delta Sand & Gravel property
- Impacts to boating and trail use access

<u>Requirements</u>

- Goal Exception to Statewide Planning Goal 15: Willamette River Greenway
- Section 408 Engineering Review and Permitting
- Biological Assessment/Biological Opinion
- FEMA No-rise Certification
- ESA Determination of No Effect likely for terrestrial species
- ODFW Fish Passage approvals
- Stormwater Management Plan
- Erosion and Sediment Control Plan
- US Coast Guard Bridge permit
- Wetlands delineation survey
- Joint DSL/Corps Permit Application
- Archaeological Baseline Report and shovel probes
- Section 106 Programmatic Agreement/SHPO approval
- Hazmat Materials Phase I Assessment
- Noise Technical Report
- Visual Impact Assessment (Contingency)
- Air Quality Conformity documentation
- Section 4(f) documentation
- City/County permits: (land use/development; waterways/wetlands; flood hazard; tree removal)

Potentially Required Permits / Approvals / Clearances

82. Local Land Use	⊠ Yes	∐ No	Unknown
83. Local Agency Floodplain Permit	⊠ Yes [□No	Unknown
84. U.S. Corps of Engineers Section 404 and DEQ Section 401 Cert	⊠ Yes [□No	Unknown
85. U.S. Corps of Engineers Section 10	⊠ Yes [□No	Unknown
86. DSL Removal/Fill	⊠ Yes [□No	Unknown
87. U.S. Corps of Engineers Section 408 (federal facilities)	⊠ Yes [□No	Unknown
88. NPDES 1200-CA permit (or 1200-C permit for local agencies)	⊠ Yes [□No	Unknown
89. U.S. Coast Guard New Bridge Permit	⊠ Yes [□No	Unknown
90. U.S. Coast Guard Permit Modification	☐ Yes [□No	Unknown

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91. U.S. Coast Guard Construction Plan Approval	⊠ Yes	□No	Unknown
92. FAHP Programmatic BO	☐ Yes	⊠ No	Unknown
93. SLOPES Programmatic BO	☐ Yes	⊠ No	Unknown
94. Individual Biological Opinion	⊠ Yes	□No	Unknown
95. Marine Mammal Protection Act IHA	☐ Yes	⊠ No	Unknown
96. ODFW Fish Passage Plan Approval	⊠ Yes	□No	Unknown
97. State Endangered Species Act	⊠ Yes	☐ No	Unknown
98. No Effect Memo	⊠ Yes	□No	Unknown
99. Archaeological Excavation Permit	☐ Yes	□No	☑ Unknown
100. Section 106 – State Historic Preservation Officer (Historic–Built)	⊠ Yes	□No	Unknown
101. Section 106 – State Historic Preservation Officer (Archaeological)	☐ Yes	□No	□ Unknown
102. Section 4(f) temporary occupancy	☐ Yes	□No	☑ Unknown
103. Section 4(f) de minimis	☐ Yes	□No	☑ Unknown
104. Section 4(f) Programmatic	☐ Yes	□No	☑ Unknown
105. Section 4(f) Evaluation – Individual	☐ Yes	⊠ No	Unknown
106. Section 6(f) Temporary Occupancy or Conversion	☐ Yes	⊠ No	Unknown
107. Wild and Scenic River Section 7 Determination	☐ Yes	⊠ No	Unknown
108. Oregon Scenic Waterways	☐ Yes	⊠ No	Unknown
109. FHWA Noise	⊠ Yes	□No	Unknown
110. * Air Conformity	⊠ Yes	□No	Unknown
111. Hazardous Materials Study	⊠ Yes	□No	Unknown
112. DOGAMI Permit	☐ Yes	□No	□ Unknown
113. Other (specify):			
114. Other (specify):			
115. Other (specify):			
116. Other (specify):			
117. Other (specify):			
118. Other (specify):			
Preliminary NEPA Classification			
Based upon the answers and content above, please answer the following questions:			
23 CFR 771.117(a) – Would the project involve any of the following effects:			
119. Induce significant impacts to planned growth or land use for an area?	☐ Yes	⊠ No	Unknown
120. Require relocation of significant numbers of people?	☐ Yes	⊠ No	Unknown
121. Have a significant impact on any natural, cultural, recreational, historic or other resources? \dots	☐ Yes	⊠ No	Unknown
122. Involve significant air, noise, or water quality impacts?	☐ Yes	⊠ No	Unknown
123. Have significant impacts on travel patterns?	☐ Yes	\boxtimes No	Unknown
23 CFR 771.117(b) – Would the project involve unusual circumstances such as:			
124. Significant environmental impacts?	☐ Yes	⊠ No	Unknown
125. Substantial controversy on environmental grounds?	☐ Yes	⊠ No	Unknown
126. Significant impacts to properties protected by Section 4(f) of the DOT Act or Section 106 of the National Historic Preservation Act?		⊠ No	Unknown

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127. Inconsistencies with any federal, state, or local law, requirer determination relating to the environmental aspects of the p				
Based upon questions 119-127 and the Environmental Prospectoreliminary NEPA class of action:	us responses, identify the project's			
☐ Programmatic Categorical Exclusion (PCE)				
□ Documented Categorical Exclusion (CE)				
☐ Environmental Assessment (EA)				
☐ Environmental Impact Statement (EIS)				
For preliminary PCEs and CEs, identify the up to three category(ies) of project work from the activities listed in CFR 771.117(c) and CFR771.117(d):				
Show Categories APPLICABLE CATEGORY (d)(13) APPLICABLE	LE CATEGORY APPLICABLE CATEGORY			
Signatures Digital signature/date are required from the preparer and/or ODOT REC.				
PREPARER NAME AND TITLE	ODOT REC NAME AND TITLE			
Scott Richman, Senior Transportation Planner (Jacobs)	Daniel Ohrn, Region 2 Env Project Manager			
PARER DIGITAL SIGNATURE AND DATE ODOT REC DIGITAL SIGNATURE AND DATE				
Richman, Scott AAC00041987 Date: 2020.12.18 10:06:48 -08'00'	OHRN Daniel K Date: 2020.12.18 15:57:49 -08'00'			

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